9 | 2018-19.

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೨ ಪೈ.

Executive Engineer
Byatarayana ra Division
Yalahanka e, B.B.M.P.
Banga .560092
07/12

Chq
Yt:3

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Premeasurements:
Serial No. 1st and final bill:

496801

Name of Work Improvements to roads From and drains of To balaji layout amruthahalli in ward no:07, byatarayanapura.

Name of Contractor of nature of Agency B. Girish.

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost:-	90.00 lakhs					
	Job code:-	007-18-0000077					
	Head of account:-	P1771					
	A.S.NO:-	AS|CE(YNK)|32|18-19; dt: 08.02.19					
	T.S.NO:-	TS|EE(BTP)|30|18-19; dt: 23.07.18.					
	Agr No:-	NO.EE|BTP|W0|129|18-19; dt: 22.09.18					
	Work order no:-	NO. BBMP|EE|BTP|W0|129|18-19; dt: 22.09.18.					
	Approved tender price:-	1860784.10					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 01:- Premeasurements recorded on: 28-12-18						
	Earthwork excavation by manual means in ordinary soil.						
	Near Amruthahalli govt school:	01	6.0	2.0	0.30	= 3.60	
		01	4.50	4.0	0.30	= 5.40	
		01	14.0	2.7	0.30	= 11.34	
		01	11.50	5.6	0.30	= 19.32	
		01	28.0	5.3	0.30	= 44.52	
		01	5.0	1.3	0.30	= 1.95	
	Munguruppa layout:	01	10.8	4.3	0.30	= 13.93	
		01	20.0	4.50	0.30	= 27.0	
		01	11.50	4.50	0.30	= 15.53	

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Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Road next to Udupi	01
	hotel- balaji layout.	01
		01
		01
		01
		01
	Jayaram reddy house road:	01
	Inside gramatana:	01
		01
		01

Change
sft:-3

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
28-12-18			
al means in ordinary soil.)			
.0	0.30	= 3.60	
.0	0.30	= 5.40	
7	0.30	= 11.34	
6	0.30	= 19.32	
5.3	0.30	= 44.52	
.3	0.30	= 1.95	
4.3	0.30	= 13.93	
4.50	0.30	= 27.0	
4.50	0.30	= 15.53	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 496802

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Road next to Udupi hotel- balaji layout.	01	18.0	4.70	0.30	= 25.38	
		01	12.50	7.0	0.30	= 26.25	
		01	15.0	4.30	0.30	= 19.35	
		01	15.0	4.70	0.30	= 21.15	
		01	15.0	4.75	0.30	= 21.38	
		01	25.0	4.70	0.30	= 35.25	
	Jayaram reddy house road:	01	25.0	3.55	0.30	= 26.63	
	Inside gramatana:	01	25.0	2.50	0.30	= 18.75	
		01	30.0	2.50	0.30	= 22.50	
		01	32.0	4.50	0.30	= 43.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	over burden earth:	01	26.0	2.0	0.90 =	36.00	
						438.42 cum	
	Qty ltd to: 437.75 cum						
	Assistant Executive Engineer, Kadugodi III Sub Division, Bangalore.						
	Item No.02:- Premeasurements recorded on:					11-01-19	
	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm-						
	Near amruthahalli govt school:	01	6.0	2.0	0.15 =	1.80	
		01	4.50	4.0	0.15 =	2.70	
		01	14.0	2.70	0.15 =	5.67	

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
	Mungurappa
	Road next to hotel [balaji

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	0·90 =	36·00	
		438.40 cum	
:	11-01-19		
tion	plain cement concrete of		
2·0	0·15 =	1·80	
4·0	0·15 =	2·70	
·70	0·15 =	5·67	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496803

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		01	28·0	5·30	0·15	= 22·66	
		01	11·50	5·60	0·15	= 9·66	
		01	5·0	1·30	0·15	= 0·98	
	Mungurappa layout:	01	10·8	4·30	0·15	= 6·97	
		01	20·0	4·50	0·15	= 13·50	
		01	11·50	4·50	0·15	= 7·76	
	Road next to udupi	01	18·0	4·70	0·15	= 12·69	
	hotel [balajilayout].	01	12·50	7·0	0·15	= 13·13	
		01	15·0	4·30	0·15	= 9·68	
		01	15·0	4·70	0·15	= 10·58	
		01	15·0	4·75	0·15	= 10·69	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Jayaram reddy house:	01	25.0	4.70	0.15	= 17.63	
	Inside gramatana:	01	25.0	3.55	0.15	= 13.31	
		01	25.0	2.50	0.15	= 9.38	
		01	30.0	2.50	0.15	= 11.25	
		01	32.0	4.50	0.15	= 21.60	
						201.21 cum	
		Actually N.D					
		Dt (WT)					

C&R

Assistant Executive Engineer,
Koratagere Sub Division,
[illegible] B.B.M.P.,
Bangalore.

Serial No. MAIN BILL:-

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numl
1	2	3
	Item. No 01:- Earthwork excavat involving an average upto 1.5m, excavated disposed earth to be as per specification.	hori ho lev
	Qty vide page no. 4	
	At the rate of Rs. 7	

epth 6	Contents 7	Reference to last Measurement 8
15 =	17.63	
15 =	13.31	
15 =	9.38	
15 =	11.25	
15 =	21.60	
	201.21 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496804

Serial No. MAIN BILL:-

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item. No. 01:- Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 1.5m, excavated horizontal throw and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specification.						
	Qty vide page no. 496803 →					437.75 cum	34582-
	At the rate of Rs. 79.0 →						34552.25

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 02:- Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms, th well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification.						
	Qty vide page no 496803 →				201.21 cum		989953-00
	At the rate of Rs. 4920.00 →						989945.00

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Item No 04:- loading and u sand / kankar / moorum. Pl front end loading, dumpin for haulage and reliev	
	Qty vide Item no. 0	
	At the rate of Rs. 9	

OK

Depth 6	Contents 7	Reference to last Measurement 8
in cement concrete of size graded granite layers not exceeding 15cms, nth, including cost of , curing complete as		989953-00 989945.00
1.21 cum		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

496805

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No. 04:- loading and unloading of stone boulders / stone aggregates / sand / kankar / moorum. Placing tipper at loading point loading with front end loading, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification.						
	Qty vide item no. 01 → 437.75 cum						
	At the rate of Rs. 99.00 →						4333-1.25

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.03:- Cement concrete pavement: Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates, with Superplasticizer @ 3 lts., confirming to IS9103-1999 re-affirmed-2008.,						
	Near Amruthahalli govt school:	01	6.50	2.0	0.10	= 1.20	
		01	4.50	4.0	0.10	= 1.80	
		01	14.0	2.7	0.10	= 3.78	
		01	11.5	5.6	0.10	= 6.44	
		01	28.0	5.3	0.10	= 14.84	
						28.06.	

C&FC. 6/05

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Mungurappa layout C&FC. 6/05 Road next to Udupi hotel [balaji layout]	

OK

Depth 6	Contents 7	Reference to last Measurement 8
on of	un-reinforced plain	
design	over a prepared	
type	as per clause 1051.2.2	
nite	metal coarse	
th	superplasticizer @ 3 lts.,	
	2008.,	
	0.10 = 1.20	
	0.10 = 1.80	
	0.10 = 3.78	
	0.10 = 6.44	
	0.10 = 14.84	

28.06.

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M. A. R[illegible]16)
Meas[illegible]

No. B 496806

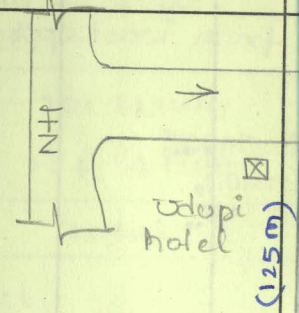
Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Mungurappa layout	01	5.0	1.30	0.10	= 0.65	
		01	10.8	4.30	0.10	= 4.64	
		01	20.6	4.50	0.10	= 9.0	
		01	11.50	4.50	0.10	= 5.18	
	Road next to Udupi hotel [balaji layout]	01	18.0	4.70	0.10	= 8.46	
		01	12.50	7.0	0.10	= 8.75	
		01	15.0	4.30	0.10	= 6.45	
		01	15.0	4.70	0.10	= 7.05	
		01	15.0	4.75	0.10	= 7.13	
		01	25.0	4.70	0.10	= 11.75	
						97.11	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						97.11	
	Jayaram reddy house rd:	01	25.0	3.55	0.10	= 8.88	
	Inside gramatana	01	25.0	2.50	0.10	= 6.25	
		01	30.0	2.50	0.10	= 7.50	
		01	32.0	4.50	0.10	= 16.40	
						134.14 cum	
	At the rate of Rs.	5900.00 →					791426.00
						Grand total =	1859298.00
						Amplly N.D	
						AE(W)	
						215/19	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	

Amplly N.D
AE(W)

epth 6	Contents 7	Reference to last Measurement 8
	97.11	
·10 =	8.88	
·10 =	6.25	
·10 =	7.50	
·10 =	14.40	
	134.14 cum	
	791426.00	
nd total =	1859298.00	
	Hqrs N.D	
	AE(W)	
	215	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496807

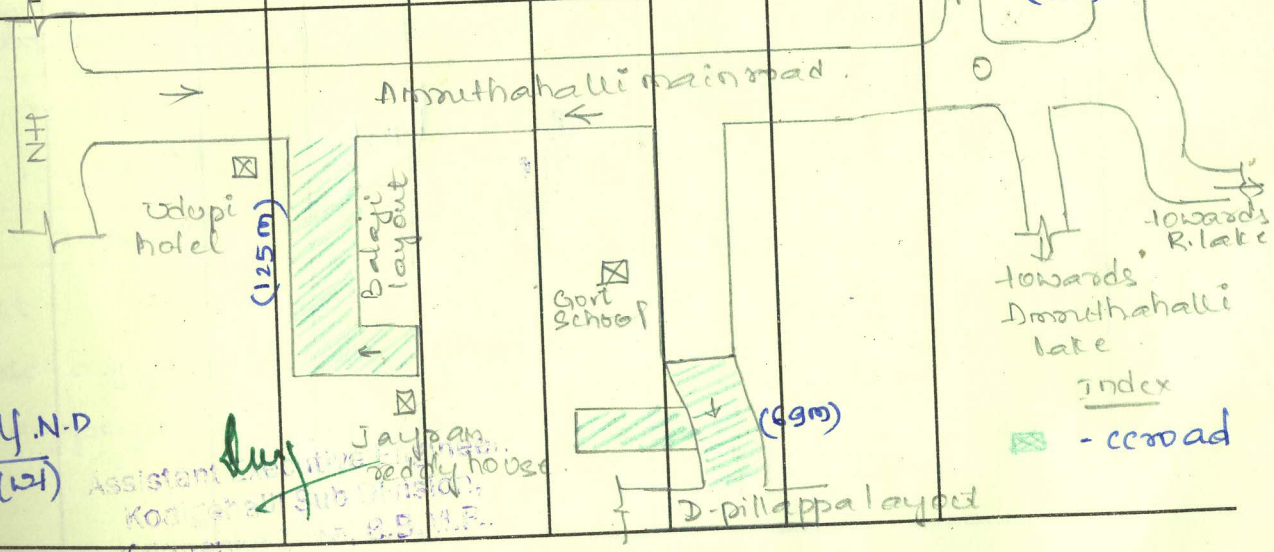
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:-						
	1). Certified that the contractor has completed the work satisfactorily						
	2) Certified that quantities are not claimed in any other grants.						
	3) Certified that debris has been removed from worksite.						
	Notified. N.D AE(WT)						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Royalty charges
Sl.NO	Details
02	40mm - 201.21 cum
03	M20 - 134.14 cum
	Total =
	Abstract
	1). coarse-aggregate
	2). fine-aggregate:

OK

Depth 6	Contents 7	Reference to last Measurement 8
ted the work satisfactorily.		
ed in any other grants.		
d from workspot.		
e Engineer.		
Division.		
.B.M.P.		
.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496808

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Royalty charges		Coarse		Fine		
Sl.No	Details	Co-eff	Qty	Co-eff	Qty		
02	40mm - 201.21 cum	0.96	193.16	0.48	96.58		
03	M20 - 134.14 cum	0.85	114.00	0.416	55.80		
	Total =		307.16		152.38		
	Abstract						
	1). coarse-aggregate:	307.16	x108	cum =	33173.00		
	2). fine-aggregate:	152.38	x103	cum =	15695.00		
					48868.00		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st and Final Bill					Total Rs: 18.59,298-00	
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 18.59,298-00					IT - 18593-00	
	ಗಳ ಕಡಿತ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 124415-00					CM - 18593-00	
	ಹೊಣಮಾಗಿ ಮಾಡಿಕೊಂದು ಉಳಿದ ಮೊಬಲಗು 17,34,883-00					CBF. 1859-00	
	Rs: Seventeen Lakhs, Thirty four					LR - 48868-00	
	thousand eight hundred eighty three,					Fine. 3300-00	
	ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ					CGST - 16601-00	
	ಲೆಕ್ಕಿಗರು/ಪ್ರಥಮ ದರ್ಜೆ					SGST - 16601-00	
	ಎಇಇ/ಎಇ/ಜೆಇ ಅವರಿಗಾಗಿ					Addn. 124415-00	
	ಸಹಿ ಮತ್ತು ಹುದ್ದೆ					Cheque: 17,34,883-00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2